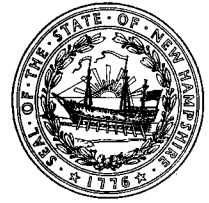




The State of New Hampshire
Department of Environmental Services



Michael P. Nolin
Commissioner

Mr. Paul Crosby, Manager
Andorra Forest
60 Queen Street
Stoddard, NH 03464

May 23, 2005
Letter of Deficiency
DSP#05-009

RE: Cold Spring Pond Dam #223.09, Stoddard

Dear Mr. Crosby:

The Department of Environmental Services, Dam Bureau (DES) consistently strives to enhance the safety of dams in New Hampshire through its dam safety program. One of the many instruments that play a part in reaching this goal is our inspection program. DES is forwarding this correspondence to you to advise you that in accordance with RSA 482:12 and Env-Wr 502.02, an inspection of the subject dam was conducted on July 12, 2004. During this visual inspection and/or file review, the following deficiencies were observed:

1. It was noted that the crest is maintained on a frequent basis and the downstream and upstream slopes appear maintained on a less frequent interval with a hearty vegetated cover;
2. The embankment at the downstream left corner of the concrete training wall was seeping at approximately ½ gallon per minute;
3. The embankment at the downstream right corner of the right concrete training wall was seeping approximately 10 gallons per minute. The flow was clear on this date and according to Mr. Crosby as of March 22, 2005, the seepage has not changed;
4. The stoplog channels are deteriorated with some spalling of the concrete around the channels. It should be noted that the seal between the stoplogs and the iron channels appears to be good at this time;
5. At the base of the left and right downstream training walls of the stoplog bay, at the connection between the splash pad and the walls, the concrete is deteriorated up to an inch in depth;
6. There was a rodent hole at the left downstream embankment 5 feet left of the concrete training wall; and
7. The emergency spillway was in good condition with a small growth of woody vegetation that is maintained on a regular basis.

DES believes that the above deficiencies can be corrected by performing the following items by the indicated schedule:

September 1, 2005:

1. Develop a plan to eliminate or control the seepage through the embankment at both the left and right downstream wing/training walls of the concrete spillway. The plan should include a completion date for repairs by November 1, 2006. Until the repairs can be implemented, the seepage should be monitored on a regular basis and if conditions become worse, it may be necessary to drain the pond. It should also be indicated that any work proposed

Letter of Deficiency
Dam #223.09/DSP#05-009
May 12, 2005
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might need a dredge and fill permit from the Wetlands Bureau as well as a permit for reconstruction from the Dam Bureau;

2. The plan mentioned in item #1, should also include repair or replacement of the steel channels for the stoplogs;
3. The plan mentioned in item #1, should include repair of the deteriorated concrete at the connection between the downstream training walls and splash pad;
4. Repair the rodent hole at the left downstream embankment 5 feet left of the concrete training wall; and

On a continuous basis:

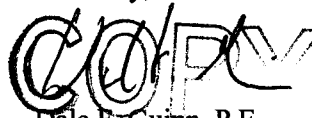
5. Remove the growth of undesirable vegetation on both the upstream and downstream embankments of the dam and within the emergency spillway channel at least twice each growing season.

DES is requesting that you complete and submit the attached "Intent to Complete Repairs" form, within 30 days of receipt of this letter, that will provide for correction of the identified deficiencies by the date(s) indicated above. Please call or write to our office if the repairs are completed ahead of the aforementioned schedule so that DES may schedule a follow-up inspection. Unless notified otherwise, DES will conduct the follow-up inspection on or after the date(s) indicated above. If you believe changes to the items of work or dates are necessary, please make the changes directly on the form and provide a brief explanation. We have enclosed a self addressed stamped envelope for you to return this form.

Our intent in sending you this correspondence is to make you aware of items that DES believes warrant your attention to insure the continued safe operation of your dam. It is our hope that, through the submittal of the attached form and a commitment to keeping a well-maintained dam, you will voluntarily comply with the requested items of work. If we do not receive the intent form or a similarly adequate written reply, we will assume that you are in agreement with our findings and recommendations and DES will carry out follow-up inspections accordingly.

If you have any questions or comments regarding this Letter of Deficiency or would like to be present at future inspections, please contact me at 271-3406, or write to the Water Division at the address listed on the bottom of the previous page.

Sincerely,


Dale F. Guinn, P.E.
Dam Safety Engineer

Attachments Sketch Illustrating Deficiencies, DB13

cc: Gretchen R. Hamel, Legal Unit Administrator ✓

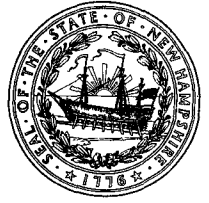
Town of Stoddard

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DFG/was/h:/safety/wendy/lod/223-09blod.doc



The State of New Hampshire
Department of Environmental Services



Michael P. Nolin
Commissioner

May 23, 2005
**Letter of Closure
For
Letter of Deficiency**

Mr. Paul Crosby, Manager
Andorra Forest
60 Queen Street
Stoddard, NH 03464

RE: Cold Spring Pond Dam #223.09 in Stoddard
Letter of Deficiency (LOD) DAM #223.09
Issued on March 21, 2000

Dear Mr. Crosby:

Based on a file review and a scheduled inspection conducted on July 12, 2004 of the above referenced dam, the Department of Environmental Services has determined that the referenced LOD will be closed out. Enclosed is a new LOD (#05-009) which supercedes the previous LOD which is now closed.

The closure of the previous LOD does not necessarily reflect compliance with the terms contained therein.

If you have any questions or comments, please contact me at 603-271-3406 or write to the Water Division at the address listed below.

Sincerely,

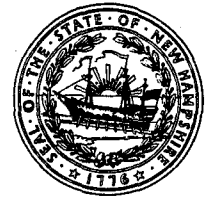
COPY
Dale R. Quinn, P.E.
Dam Safety Engineer

Enclosure: Copy of March 21, 2000 LOD
Cc: Gretchen R. Hamel, Legal Unit Administrator ✓
Town of Stoddard
DFG/h:/safety/wendy/lof/22309closltr.doc



State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES

6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095
(603) 271-3503 FAX (603) 271-2867



Mr. Jeffrey Schadler, Manager
Andorra Forest
60 Queen Street
Stoddard, NH 03464

March 21, 2000
Letter of Deficiency
DAM #223.09

RE: Cold Spring Pond Dam, Stoddard

Dear Mr. Schadler:

The Department of Environmental Services, Dam Bureau (DES) consistently strives to enhance the safety of dams in New Hampshire through its dam safety program. One of the many instruments that plays a part in reaching this goal is our inspection program. DES is forwarding this correspondence to you to advise you that in accordance with RSA 482:12 and Env-Wr 502.02, an inspection of the subject dam was conducted on November 2, 1999. During this visual inspection and/or file review, the following deficiencies were observed:

1. The beaver debris which has been removed from the spillway is on the downstream left face and there is a small amount of debris in the spillway;
2. The riprap on the upstream face of the embankment has settled in some areas, causing some settlement of the soils behind the riprap;
3. The area of fill adjacent to both sides of the spillway abutment walls has eroded;
4. There is a small amount of seepage adjacent to the right downstream concrete abutment. This area also has settled. Due to the presence of beaver debris on the downstream left embankment immediately adjacent to the concrete abutment wall;
5. There is a small amount of brush at the entrance to the emergency spillway; and
6. There is no operation and maintenance plan on file with the DES.

DES believes that the above deficiencies can be corrected by performing the following items by the indicated schedule:

By August 1, 2000:

1. Continue to remove the beaver debris from the spillway and from the downstream left face;
2. Repoint the riprap on the upstream face and place fill as necessary immediately behind the riprap;
3. Place and compact fill in the area adjacent to both sides of the spillway abutment walls;

Letter of Deficiency
Dam#223.09
March 21, 2000
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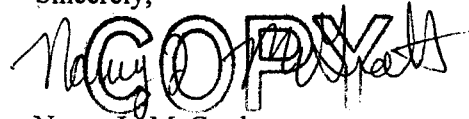
4. Monitor the small amount of seepage adjacent to the right downstream concrete abutment. Repair this settled area. Upon the removal of the beaver debris from the downstream left embankment immediately adjacent to the concrete abutment wall, this area should be checked for settling and repaired if necessary;
5. Remove the brush from the entrance of the emergency spillway; and
6. Prepare and submit to the DES a written operational procedure plan. The plan should describe the control of impoundment levels, monitoring and maintenance procedures, and identify emergency contact personnel.

DES is requesting that you complete and submit the attached "Intent to Complete Repairs" form, within 30 days of receipt of this letter, that will provide for correction of the identified deficiencies by the date(s) indicated above. If you believe changes to the items of work or dates are necessary, please make the changes directly on the form and provide a brief explanation. We have enclosed a self addressed stamped envelope for you to return this form.

Our intent in sending you this correspondence is to make you aware of items that DES believes warrant your attention to insure the continued safe operation of your dam. It is our hope that, through the submittal of the attached form and a commitment to keeping a well-maintained dam, you will voluntarily comply with the requested items of work. If we do not receive the intent form or a similarly adequate written reply, we will assume that you are in agreement with our findings and recommendations and DES will carry out follow-up inspections accordingly.

If you have any questions or comments regarding this Letter of Deficiency or would like to be present at future inspections, please contact me at 271-3406, or write to the Water Division at the address listed on the top of the previous page.

Sincerely,



Nancy L. McGrath
Engineering Technician

Attachments Guideline for an O&M plan, DB8, DB13

cc: Gretchen Rule

Town of Stoddard

Certified # P 372 675 931

NLM/was/h:/safety/wendy/lod/223-09lod.doc